



US Army Corps
of Engineers
Huntsville Center

Program Manager
(256) 895-1535
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Range and Training Land Program

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Purpose

Range Modernization is a program within the Army's Range and Training Land Program (RTLTP), under the direction of the Office of the Deputy Chief of Staff for Operations and Plans (ODCSOPS). Its purpose is to assist in the planning, site development, and military construction (MILCON) programming and design in an effort to standardize the training value of range firing, while decreasing the overall cost of range design, construction, and operation and maintenance as well as implementing new technologies to improve training capability on digitized and instrumented ranges.

To ensure the success of this program, management and responsibility has been centralized at the U.S. Army Engineering and Support Center, Huntsville, Ala. Huntsville Center is the Corps of Engineers' Mandatory Center of Expertise for Ranges.

Mission

Specifically, Huntsville Center

- Provides planning, MILCON programming, and development of standard design drawings and manuals for Army automated ranges, DD Form 1391 preparation and validation, design review for target interface compliance, construction inspections and line-of-sight analysis.
- Provides the complete spectrum of range design services for the U.S. Army, U.S. Marine Corps and the U.S. Army Reserve Components.

- Supports installations in the development of Range Development Plans (RDP) to justify range and training asset needs and requirements.

Experience

Fiscal Year 1984 marked the beginning of construction of standardized ranges, with construction on three multipurpose range complexes and 10 infantry ranges, including automated record fire and automated field fire ranges, at various installations. Since 1984, more than 750 ranges have been constructed.

Processes

Huntsville Center is involved in range development at the very beginning with the DD Form 1391 — the initial project identification document in the MILCON programming phase, and also in design and construction phases.



Range and Training Land Program

Huntsville Center validates this document to ensure the project meets the standardization requirements.

The Center, with input from major Army commands and schools, develops generic design manuals for range control facilities, battle simulator center facilities, multipurpose range complexes, infantry ranges and military operations in urban terrain facilities.

The manuals include layout drawings, equipment interface data, cost estimating and other criteria requirements. The generic

requirements are site-adapted by the Corps of Engineers' geographical districts and installations to allow for variations in the local terrain.

Huntsville Center also has the responsibility for reviewing designs, attending review meetings and construction inspections to ensure interface and standardization requirements are met.

In FY08, Huntsville Center will become the Range Center of Standardization within the Corps of Engineers and responsible for executing training facility designs.

Major Customers

- **Office of the Deputy Chief of Staff for Operations and Plans (ODCSOPS)**
- **Major Commands (Range Managers)**
 - U.S. Army Europe (USAREUR)
 - U.S. Army Reserve Command (USARC)
 - U.S. Army Training and Doctrine Command (TRADOC)
 - Eighth U.S. Army (Korea)
 - National Guard Bureaus (NGB)
 - U.S. Military Academy (USMA)
 - U.S. Army Pacific (USARPAC)
 - U.S. Army Forces Command (FORSCOM)
- **Installations (Range Managers)**
- **Other Agencies**
 - Navy and U.S. Marine Corps
 - Air Force and Air Force Reserve Command
 - Department of Energy